

ABSTRACT OF THE DISCLOSURE

[0081] A device and method for propelling objects using periodic or harmonic vibrations is described. The device comprises a flexible substrate or surface and a source of vibrational energy that is applied to the substrate or surface. Specific embodiments
5 include a device which can move along a flat surface, which can climb a smooth vertical or slanted wall, which can move along a ceiling while suspended upside down, which can climb up a smooth hollow tube, or which can move through liquids.